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Date of Deposit February 22,2005

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| - | | | | | TO THE UNITED ST | | ATTORNEY'S | | | | |
|--|-------------|---|--------------------|-----------------|--|--|--------------------------------|---------------|--------------|------|---|
| TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) | | | | | | 12411/3 U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5) | | | | | |
| CONCERNING A SUBMISSION UNDER 35 U.S.C. 371 | | | | | | U.S. APPLICAT | | | — | 1.5) | |
| | | | | | | | Applied For | | <u>5252</u> | 202 | |
| | | TIONAL / 2/000079 | APPLICAT | TION NO. | INTERNATIONAL FILING October 29, 2002 | DATE | PRIORITY DAT August 29, 200 | | | | |
| TITL | E OF | INVENT | | | | ******* | | | | | |
| | | | ANCE LE R DO/EO | | | | | | | | |
| Jerz | v Kal | isiak | | | | <u> </u> | OV 41 - 6-11114 | | a informatio | | - |
| App | | | | | states Designated/Elected O | | | ems and othe | er iniormauc |)£1. | |
| 1. | \boxtimes | | | | ems concerning a filing unde | | | | | | |
| 2. | | | | | JENT submission of items of | | | | | 7 | |
| 3. | (21) | This express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9), and (21) indicated below. | | | | | | | | | |
| 4. | \boxtimes | The US | nas been e | elected (Articl | e 31). | | | | | | |
| 5. | \boxtimes | A copy o | f the Interr | national Appli | cation as filed (35 U.S.C. 37 | ′1(c)(2)). | | | | | |
| | | a. | \boxtimes | is transmitte | ed herewith (required only if | not transmitted | by the Internation | nal Bureau). | | | |
| | | b. | | has been tr | ansmitted by the Internation | al Bureau. | | | | | |
| | | c. | | is not requir | red, as the application was f | iled in the Unite | d States Receivir | ng Office (RO | /US). | | |
| 6. | \boxtimes | ☑ An English translation of the International Application into English (35 U.S.C. 371(c)(2)). | | | | | | | | | |
| | | a. | \boxtimes | is attached | hereto. | | | | | | |
| | | b. | | has been p | reviously submitted under 3 | 5 U.S.C. 154(d) | (4). | | | | |
| 7. | | Amendm | ents to the | e claims of th | e International Application u | nder PCT Artic | e 19 (35 U.S.C. 3 | 371(c)(3)). | | | |
| | | a. | | are transmi | tted herewith (required only | if not transmitte | ed by the Internati | ional Bureau) | | | |
| | | b. | | have been | transmitted by the Internatio | nal Bureau. | | | | | |
| | | C. | | have not be | en made; however, the time | limit for makin | g such amendme | ents has NOT | expired. | | |
| | | d. | | have not be | en made and will not be ma | ide. | | | | | |
| 8. | | An English translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). | | | | | | | | | |
| 9. | \boxtimes | | | | | | | | | | |
| 10. | | The second section of the section of | | | | | | | | | |
| Iten | ıs 11 | to 20 Bel | low conce | ern other do | cument(s) or information i | ncluded: | | | | | |
| 11. | | | | | | | | | | | |
| 12. | | An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. | | | | | | | | | |
| 13. | \boxtimes | ✓ A preliminary amendment. | | | | | | | | | |
| 14. | | An Application Data Sheet under 37 CFR 1.76. | | | | | | | | | |
| 15. | | A substitute specification. | | | | | | | | | |
| 16. | \boxtimes | ☑ A power of attorney and/or change of address letter. | | | | | | | | | |
| 17. | | A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821-1.825. | | | | | | | | | |
| 18. | | ☐ A second copy of the published international application under 35 U.S.C. 154(d)(4). | | | | | | | | | |
| 19. | | A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). | | | | | | | | | |
| 20. | \boxtimes | | | | | | | | | | |
| | | | | | | | | | • | | |

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 12 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

DT13 Rec'd PCT/PTC 2 2 FEB 2005

| U.S. APPLICATION Applied For | PLICATION NO OF LOWIN SECTION NO. PCT/PL02/000079 | | PLICATION NO. | ATTORNEY'S DOCKET NO. 12411/3 | | | |
|---|---|-------------------------------|----------------------------|----------------------------------|--------------------------|--|--|
| | | CALCULATIONS | PTO USE ONLY | | | | |
| | owing fees are submitted: fee | | | | | | |
| M h) Examination fe | 9e | | \$200.00 | | | | |
| C) Search Fee | | | \$500.00 | | | | |
| – ., | | | \$1,000. | | | | |
| Additional fee for | TOTAL OF ABOVE CALCULATIONS specification and drawings filed in paper over 10 | | | | | | |
| Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof. | | | | s | | | |
| Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)). | | | | | | | |
| Claims | Number Filed | Number Extra | Rate | | | | |
| Total Claims | 33-20 = | | x \$ 50.00 | \$650.00 | | | |
| Independent Claims | 1- 3 = | J | x \$ 200.00 | \$0.00 | | | |
| Multiple dependent cla | aim(s) if Applicable) | | + \$360.00 | \$0.00 | - | | |
| TOTAL OF ABOVE CALCUATIONS = | | | | \$ | | | |
| Applicant claims | small entity status. See 37 CFR 1.27. The fees | indicated above are reduce | | \$825 | | | |
| SUBTOTAL = Processing fee of \$130.00 for furnishing the English translation later than the 30 months from the earliest claimed | | | | 4020 | | | |
| Processing fee of \$130.00 for furnishing the English translation later than the | | | | \$ | | | |
| TOTAL NATIONAL FEE= | | | | \$825 | | | |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31), \$40.00 per property + | | | | | | | |
| | α | 4005 | | | | | |
| | | \$825 | s | | | | |
| | | Amount to be refunded charged | \$ | | | | |
| _ M | A shock in the amount of \$825 to cover the at | | Chargeu | Ψ | | | |
| a. | a. A check in the amount of \$825 to cover the above fees is enclosed. | | | | | | |
| b. 🗆 | Please charge my Deposit Account No. 23-1925 in the amount of \$ to cover the above fees. A duplicate copy of this sheet is enclosed. | | | | | | |
| c. | | | | | | | |
| d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. | | | | | | | |
| NOTE: Where an app application to pending | propriate time limit under 37 CFR 1.494 or 1.495 status. | 5 has not been met, a petit | ion to revive (37 CFR 1.13 | 7(a) or (b)) must be filed an | d granted to restore the | | |
| Send All Corresponde | nce to: | | 4 | | | | |
| | Brinks Hofer Gilson & Lione P.O. Box 10395 Chicago, IL 60610 | Markin | last | | | | |
| | C | Signature Man V Bishards | | | | | |
| | | | Disk and a | | | | |
| | | | . Richards | | | | |
| | | Marc V Name 37,921 | | | | | |